

### Abstract

The present invention is a graphical user interface with a panning  
2 window interface that allows presentation of a high-level view of a dense  
graphical map structure simultaneously with a detailed sub-portion of the  
4 dense graphical map structure. The graphical user interface provides a  
movable panning window that allows an operator to select the portion of the  
6 overall map structure to view in detail. The detailed view of the selection  
portion of the overall map structure is presented in a detail panel of the  
8 screen. Enhancements to the panning window interface include highlighting  
of map structure elements on the screen selectable via a highlight selection  
10 menu or search and highlight capability.